



The American Railway Engineering and Maintenance-of-Way Association  
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Technical Committees

## Committee 1 Roadway & Ballast

This committee is responsible for the development and publication of recommended practices and information relating to:

- Preliminary exploration, testing, design, construction, and maintenance of railway roadbeds. This shall include soil stabilization, retaining structures and drainage.
- Ballast types and sections.
- Culvert types, installation and inspection.
- Pipeline installation on railway rights-of-way by railways or others.
- Fencing and roadway signs
- Vegetation control
- Tunnel design and excavation, not including lining the tunnel, which is the responsibility of Committee 8
- Geosynthetic materials for railway applications

### Papers

- Graded Granular Material
- Crushed Stone Base Figures

### Sub-Committees and Current Assignments

Sub-Committee A: Recommendations for Further Investigation and Research.

Sub-Committee B: Revision of Manual.

Sub-Committee 1: Roadbed

D1-1-01: Develop recommended practice for road crossing foundations. *Completion is scheduled for 2008.*

Sub-Committee 2: Ballast

D2-1-03: Write a recommended standard for undercutting and ballast shoulder cleaning. *Completion is scheduled for 2008.*

Sub-Committee 3: Natural Waterways

D3-1-01: Update and rewrite Manual Section. *Completion is scheduled for 2008.*

Sub-Committee 4: Culverts

#### Chair

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D4-1-94: Update Manual Parts 1.4.9, 1.4.10. *Completion is scheduled for August 2008.*

D4-1-01: Study corrugated polyethylene pipe for use within railroad rights-of-way. *Completion is scheduled for August 2008.*

D4-1-06: Pending Assignment - Update Manual Parts 4.11 and 4.14. *Completion is scheduled for 2008.*

#### Sub-Committee 5: Pipelines

D5-1-02: Recommended Practice for Directional Boring on Railroad Right of Way. *Completion is scheduled for August 2008.*

D5-2-02: Revise Fiber Optic Installation Section 5.5.1. *Completion is scheduled for February 2009.*

D5-1-08: Damage Prevention to Underground Facilities.

#### Sub-Committee 6: Fences

D6-2-94: Sand Fences. *Completion is scheduled for 2009.*

D6-1-01: Review and update Part 6 – Fences. *Completion is scheduled for 2009.*

#### Sub-Committee 7: Roadway signs

#### Sub-Committee 8: Tunnels

D8-1-87: Review and update Manual recommendations for tunnels. *Completion is scheduled for 2009.*

#### Sub-Committee 9: Vegetation Control

C9-2-89: Review and update Manual text on recommendations for vegetation control. *Ongoing assignment.*

#### Sub-Committee 10: Geosynthetics

C10-1-96: Develop recommended practice for the use of geosynthetics for stabilization of the track roadbed. Monitor applicable research on geosynthetics for information that will strengthen AREMA specifications. *Ongoing assignment.*